

**REMARKS**

In the Office Action mailed November 29, 2004, the Examiner noted that claims 1-25 were pending, objected to claims 4, 5, 10 and 11 and rejected claims 1-25. Claims 3, 5, 7, 11, 14, 16, 18-20 and 24 have been amended, claims 1, 2, 4, 9, 10, 15, 17 and 25 have been canceled, and, thus, in view of the forgoing claims 3, 5-8, 11-14, 16 and 18-24 remain pending for reconsideration which is requested. No new matter has been added. The Examiner's rejections and objections are traversed below.

In the Office Action the Examiner objected to claims 4, 5, 10 and 11 and indicated that these claims would be allowable if rewritten in independent form. The features of allowable claim 4 have been added to claim 3 and the features of claims 9 and 10 have been added to claim 7. Withdrawal of the objection is requested. The features of allowable claim 4 have also been added to claim 16. The features of allowable claim 10 have been added to claim 18. Claim 19 has been amended to include the features of allowable claim 4. Claims 8, 11, 12 and 19 depend from allowable claim 7. Claim 20 depends from allowable claim 7. It is submitted that claims 3, 5-8, 11-14, 16, and 18-24 are now allowable.

On page 2, the Examiner objected to the drawings and required correction alleging that the drawings do not show control by the control unit of various units. It is submitted that figure 17 (A&B) shows the control unit 75 controlling the unit 78 through a control line connected thereto and the unit 78 supplying input to units 88, 94 and 100. The objection is respectfully traversed and withdrawal is requested.

On page 3 the Examiner objected to the claims noting certain informalities. These have been addressed. The Examiner is requested to note that figures 42A-C show different numbers of cells in the matrices and pixels that change in size. Withdrawal of the objection is requested.

On pages 5-11 of the Action the Examiner rejected claims 1, 2, 7-13, 15, 17 and 20-25 variously under 35 U.S.C. section 112, paragraphs 1 or 2. The claims have otherwise been amended in view of the Examiners concerns. With respect to the method other than an error variance method, it is submitted that one of skill in the art would know what methods other than an error variance method could be used. With respect to the Examiner's concern over the use of the term substantially, it is submitted that those of skill in the art would understand this term. Withdrawal of the rejection is requested.

On page 11 of the Office Action, the Examiner rejected claims 1 and 15 under 35 U.S.C. § 102 as anticipated by Arai. On page 13 of the Office Action, the Examiner rejected claims 3, 6

and 16 under 35 U.S.C. § 102 as anticipated by Seto. On page 14 of the Office Action, the Examiner rejected claims 20, 21 and 25 under 35 U.S.C. § 102 as anticipated by Kim. Page 16 of the Office Action rejects claim 24 under 35 U.S.C. § 103 over Kim and Ishida. Page 17 of the Office Action rejects claims 22 and 23 under 35 U.S.C. § 103 over Kim, Ishida and Lee. Page 19 of the Office Action rejects claims 2, 7, 8, 13 and 17 under 35 U.S.C. § 103 over Okuyama and Arai. Page 22 of the Office Action rejects claims 9, 12 and 18 under 35 U.S.C. § 103 over Okuyama, Arai and Seto. Page 23 of the Office Action rejects claims 14 and 19 under 35 U.S.C. § 103 over Okuyama and Seto. These rejections are moot in view of the amendments to the claims.

It is submitted that the claims satisfy the requirements of 35 U.S.C. 112 paragraphs 1 and 2. It is also submitted that the allowable claims continue to be allowable. It is further submitted that the claims are not taught, disclosed or suggested by the prior art. The claims are therefore in a condition suitable for allowance. An early Notice of Allowance is requested.

If any further fees, other than and except for the issue fee, are necessary with respect to this paper, the U.S.P.T.O. is requested to obtain the same from deposit account number 19-3935.

Respectfully submitted,

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Date: 3/29/5

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